

POWER SUPPLY

KVG-24096-DWJ

KVG-24200-DWJ

**Triac/0-10V/1-10V/Potentiometer/10V PWM 5 in 1
Dimmable LED driver**

Phase dimming:

work with forward phase, MLV and Reverse phase, ELV, TRIAC dimmers.

0-10V Dimming:

0-10V/1-10V/Potentiometer/10V PWM 4 in 1

Dimming range: 0-100%



MODEL		96 Watt	KVG-24096-DWJ	200 Watt	KVG-24200-DWJ
OUTPUT	DC Voltage	24V		24V	
	Voltage Tolerance	±0.5V		±0.5V	
	Voltage Regulation	±0.5%		±0.5%	
	Rated current	4A		8.33A	
	Rated power	96W		200W	
	Load Regulation	±1%		±1%	
INPUT	Voltage Range	100-277VAC		100-277VAC	
	Frequency Range	47 - 63Hz		47 - 63Hz	
	Power Factor (Typ.)@ full load	0.98@120VAC 0.95@277VAC		0.98@120VAC 0.95@277VAC	
	THD(Typ.) @ full load	<20%@120VAC & 277VAC		<20%@120VAC & 277VAC	
	Efficiency(Typ.) @ full load	≥83%@120VAC ≥86%@277VAC		≥86%@120VAC ≥88%@277VAC	
	AC Current (Max.)	1.3A		2.3A	
	Inrush Current (Typ.)	20A, 50%, 1.6ms @120VAC; 25A, 50% 1.2ms @277VAC		15A, 50%, 1.4ms @120VAC; 30A, 50% 1.4ms @277VAC	
	Leakage current	<0.5mA		<0.5mA	
Protection	Short Circuit	Shut down o/p voltage, re-power on to recover after fault condition removed		Shut down o/p voltage, re-power on to recover after fault condition removed	
	Over Load	≤120% constant current limiting, auto-recovery after fault condition removed		≤120% constant current limiting, auto-recovery after fault condition removed	
	Over temperature	100°C±10°C shut down o/p voltage, automatically recover after cooling		100°C±10°C shut down o/p voltage, automatically recover after cooling	
Environment	Working TEMP.	-40~+60°C		-40~+60°C	
	Working Humidity	20 - 95%RH non-condensing		20 - 95%RH non-condensing	
	Storage TEM.,Humidity	-40 - +80°C,10 - 95% RH non-condensing		-40 - +80°C,10 - 95% RH non-condensing	
	TEMP.coefficient	±0.03%/°C(0 - 50°C)		±0.03%/°C(0 - 50°C)	
	Vibration	10~500Hz, 5G 12min./1 cycle, period for 72min. each along X,Y,Z axes		10~500Hz, 5G 12min./1 cycle, period for 72min. each along X,Y,Z axes	
Safety & EMC	Safety standards	UL8750 , CAN/CSA-C22.2 No.250.13		UL8750 , CAN/CSA-C22.2 No.250.13	
	Withstand voltage	I/P-O/P: 1.8KVAC I/P-FG:1.8KVAC O/P-FG1.8KVAC		I/P-O/P: 1.8KVAC I/P-FG: 1.8KVAC O/P-FG1.8KVAC	
	Isolation resistance	I/P-O/P: 100MΩ/ 500VDC/ 25°C/ 70% RH		I/P-O/P: 100MΩ/ 500VDC/ 25°C/ 70% RH	
	EMC Emission	FCC 47 CFR Part 15 ,Subpart B		FCC 47 CFR Part 15 ,Subpart B	
Certificate		UL /cUL/ FCC /Class 2/ CE /Rohs /REACH		UL /cUL/ FCC / CE / Rohs / REACH	